Dr. Abdul Samad Memorial Hospital

G.Dh. Thinadhoo
Republic of Maldives

SPECIFICATIONS

IP PABX SPECIFICATION WITH HARDWARE

(Note: PABX should not have hidden fees or monthly/annual recurring cost)

Price should include Installation & Configuration of the PBX including analogue or SIP trunk connectivity)

Users /Extension	200
Concurrent Calls	60
FXO Ports	6
GSM SIM MODULE	2
VoIP Trunks	100
Protocol	SIP (RFC3261), IAX2
Transport Protocol	UDP, TCP, TLS, SRTP
Codec	G711 (alaw/ulaw), G722, G726, G729A, GSM, Speex, ADPCM, iLBC, H263, H263P, H264, MPEG4
DTMF	In band, RFC4733, RFC2833, SIP INFO
Ethernet Interfaces	2× 10/100/1000 Mbps
IP Services	Static IP, DHCP, VPN, Firewall, VLAN, DDNS, PPPoE, QoS, Static NAT, STUN
Voicemail	Should have
Firewall	should haave built in firewall function
T.38 Fax	Should have
Hot Standby	Should have
Mobile APP	Should have
External Storage	Should support
Mounting	Rack mountable
PABX Should have following features:	
Conference	
Custom Prompt	
Dial by Name	
DISA	
Distinctive Ringtone	
DNIS	
Do Not Disturb (DND)	
Event Center	
Email to SMS/SMS to Email	
Fax to Email	
Paging/Intercom	
LDAP	

Feature	
Automated Attendant (IVR)	
Attended Transfer	
AutoCLIP	
Blind Transfer	
Blocklist/Allowlist	
Call Back	
Call Detail Records (CDR)	
Call Forwarding	
Call Monitor	
Call Parking	
Call Pickup	
Call Recording	
Call Routing	
Call Waiting (FXS)	
Caller ID	
Softphone APP	
Mobility Extension	
Multi language System Prompt	
Multi language Web GUI	
Multi site Interconnect	
Music on Hold	
One Touch Recording	
Queue	
PIN List	
Phone Provisioning	
Real time Status Monitor	
Remote Management	
Ring Group	
SIP Forking	
SLA	
Speed Dial	
Time Condition	
User Portal	
User Permission	
Video Calls	
Voicemail	
Call Center Features	
Interactive Voice Response (IVR)	
Call Queue	
Queue Ringing Strategies	
Time-based Call Routing	
Self-Service Prompts	
Music on Hold	
Custom Announcements	
In-Queue & Estimated Wait Time	

Post-Call Surveys	
Dynamic & Statistic Agent	
Agent Login/Logout	
Agent Pause/Unpause	
Call Presence (Agent Status)	
Status Message	
Call Monitoring	
Call Recording	

IP PHONE SPECIFICATION

- HD voice: HD handset, HD speaker
- Smart Noise Filtering
- Wideband codec: Opus, G.722
- Narrowband codec: G.711(A/μ), G.723.1, G.729,G.729A, G.726, iLBC
- DTMF: In-band, Out-of-band (RFC 2833) and SIP INFO
- Full-duplex hands-free speakerphone with AEC
- VAD, CNG, AEC, PLC, AJB, AGC
- Local phonebook up to 1000 entries
- Black list
- XML/LDAP remote phonebook
- Smart dialing
- Phonebook search/import/export
- Call history: dialed/received/missed/forwarded
- One VoIP account
- Call hold, mute, DND
- One-touch speed dial, hotline
- Call forward, call waiting, call transfer
- Group listening, SMS, emergency call
- Redial, call return, auto answer
- Local 5-way conferencing
- Direct IP call without SIP proxy
- Ring tone selection/import/delete
- Set date time manually or automatically
- Dial plan
- XML Browser, action URL/URI
- Integrated screenshots
- RTCP-XR, VQ-RTCPXR
- Enhanced DSS Key
- Ethernet Cable (1.5m CAT5E UTP Cable)